

Amendments to the Claims:

Please amend claim 13 as indicated:

1. (Original) A fusion polypeptide which comprises an AAV2 Rep protein sequence of the left open reading frame of the rep gene that lacks a functional nuclear localization signal sequence and a polypeptide sequence that confers nuclear localization on said fusion polypeptide.
2. (Original) A fusion polypeptide of claim 1, wherein said nuclear-localization-conferring polypeptide sequence is selected from the group consisting of Drosophila antennaepedia protein, HIV-1 tat protein, VP22, and functional fragments and variants thereof.
3. (Original) A fusion polypeptide of claim 1, wherein said nuclear-localization-conferring polypeptide sequence is selected from the group consisting of VP22 and functional fragments and variants thereof.
4. (Original) A fusion polypeptide of claim 1, wherein said Rep protein sequence contains a deletion mutation in the nuclear localization signal.
5. (Original) A fusion polypeptide of claim 1, wherein said Rep protein sequence is truncated to delete the carboxyl terminal amino acid residues of the Rep protein at amino acid residue 492.

6. (Original) A fusion polypeptide of claim 1, wherein said Rep protein sequence is truncated to delete the carboxyl terminal amino acid residues of the Rep protein at amino acid residue 491.
7. (Original) A fusion polypeptide of claim 1, wherein said Rep protein sequence is truncated to delete the carboxyl terminal amino acid residues of the Rep protein at amino acid residue 490.
8. (Original) A fusion polypeptide of claim 1, wherein said Rep protein sequence is truncated to delete the carboxyl terminal amino acid residues of the Rep protein at amino acid residue 489.
9. (Original) A fusion polypeptide of claim 1, wherein said Rep protein sequence is fused to the carboxyl terminus of said nuclear localization polypeptide sequence.
10. (Original) A fusion polypeptide of claim 1, wherein said Rep protein sequence is fused to the amino terminus of said nuclear localization polypeptide sequence.
11. (Original) A fusion polypeptide of claim 1, which further comprises a spacer of about 4 to about 7 amino acid residues between said Rep protein sequence and said nuclear localization polypeptide sequence.
12. (Original) A DNA construct encoding the fusion polypeptide of claim 1.
13. (Currently Amended) A DNA construct of claim ~~13~~ 12 which further comprises a promoter.

14. (Original) A method for mediating site-specific integration of a rep-deleted rAAV vector to a cell which comprises transfecting said cell with a DNA construct of claim 13.

15. (Original) A method for mediating site-specific integration of a rep-deleted rAAV vector to a cell which comprises expressing a fusion polypeptide of claim 1 in said cell.

16. (Original) A method for mediating site-specific integration of a rep-deleted rAAV vector to a cell which comprises contacting said cell with a fusion polypeptide of claim 1 during transfection of said cell with said rep-deleted rAAV vector.